

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-14 (Canceled).

Claim 15 (New): A polymer composition comprising:

- more than 50 % by weight, with respect to the total weight of the composition, of a nonfunctionalized polyolefin (PO1); and

- more than 0.5 % by weight, with respect to the total weight of the composition, of at least one polyolefin comprising carboxyl grafts [polyolefin (POg)] which is functionalized by grafting using at least one grafting agent chosen from ethylenically unsaturated carboxylic acids, their anhydrides and their metal salts, at least a portion of the carboxyl grafts of which is neutralized by a metal, optionally by the neutralization, concomitant with and/or subsequent to the grafting, of the carboxyl grafts by at least one metal base, and which has been synthesized from a nonfunctionalized polyolefin (PO2), at least 0.5 % by weight and at most 50 % by weight of the repeat units of which are derived from at least one ethylenically unsaturated monomer which has a different chemical nature from that of the repeat units of the nonfunctionalized polyolefin (PO1).

Claim 16 (New): The composition according to Claim 15, wherein that more than 50 by weight of the repeat units of the nonfunctionalized polyolefin (PO1) are derived from propylene.

Claim 17 (New): The composition according to Claim 16, wherein that the nonfunctionalized polyolefin (PO1) is a propylene homopolymer.

Claim 18 (New): The composition according to Claim 15, wherein more than 50 % by weight of the repeat units of the nonfunctionalized polyolefin (PO2) are derived from propylene.

Claim 19 (New): The composition according to Claim 18, wherein the nonfunctionalized polyolefin (PO2) is a random copolymer of propylene and of ethylene comprising at least 94 % by weight and at most 98 % by weight of repeat units derived from propylene.

Claim 20 (New): The composition according to Claim 15, wherein at least 1 % by weight of the repeat units of the nonfunctionalized polyolefin (PO2) are derived from an ethylenically unsaturated monomer which is different in chemical nature from that of the repeat units of the nonfunctionalized polyolefin (PO1).

Claim 21 (New): The composition according to Claim 20, wherein at least 2 % by weight of the repeat units of the nonfunctionalized polyolefin (PO2) are derived from an ethylenically unsaturated monomer which is different in chemical nature from that of the repeat units of the nonfunctionalized polyolefin (PO1).

Claim 22 (New): The composition according to Claim 15, wherein at most 10 % by weight of the repeat units of the nonfunctionalized polyolefin (PO2) are derived from an ethylenically unsaturated monomer which is different in chemical nature from that of the repeat units of the nonfunctionalized polyolefin (PO1).

Claim 23 (New): The composition according to Claim 22, wherein at most 6 % by weight of the repeat units of the nonfunctionalized polyolefin (PO2) are derived from an ethylenically unsaturated monomer which is different in chemical nature from that of the repeat units of the nonfunctionalized polyolefin (PO1).

Claim 24 (New): The composition according to Claim 15, wherein the nonfunctionalized polyolefins (PO1) and (PO2) each exhibit a melting point and in that their respective enthalpies of fusion differ by an amount of between 25 and 75 J/g.

Claim 25 (New): The composition according to Claim 15, wherein that the weight of the nonfunctionalized polyolefin (PO1) with respect to the total weight of the composition is greater than or equal to 80 %.

Claim 26 (New): The composition according to Claim 15, wherein the weight of the polyolefin (POg) with respect to the total weight of the composition has a value of at most 10 %.

Claim 27 (New): The composition according to Claim 15, wherein it comprises, in addition, up to 5 % by weight, with respect to the total weight of the composition, of conventional additives for polyolefin compositions, such as antioxidants, lubricants, fillers, colorants, nucleating agents, UV stabilizers, antacids, metal-deactivating agents and antistatic agents.

Claim 28 (New): An article comprising the composition according to Claim 15.

Claim 29 (New): A polymer composition comprising:

- more than 50 % by weight, with respect to the total weight of the composition, of a nonfunctionalized polyolefin (PO1), said nonfunctionalized polyolefin (PO1) being a propylene homopolymer; and
- more than 0.5 % by weight, with respect to the total weight of the composition, of at least one polyolefin comprising carboxyl grafts [polyolefin (POg)] which is functionalized by grafting using at least one grafting agent chosen from ethylenically unsaturated carboxylic acids, their anhydrides and their metal salts, at least a portion of the carboxyl grafts of which is neutralized by a metal, optionally by the neutralization, concomitant with and/or subsequent to the grafting, of the carboxyl grafts by at least one metal base, and which has been synthesized from a nonfunctionalized polyolefin (PO2), said nonfunctionalized polyolefin (PO2) being a random copolymer of propylene and of ethylene comprising at least 94 % by weight and at most 98 % by weight of repeat units derived from propylene.

Claim 30 (New): The composition according to Claim 29, wherein the weight of the polyolefin (POg) with respect to the total weight of the composition has a value of at most 10 %.

Claim 31 (New): The composition according to Claim 30, wherein the weight of the nonfunctionalized polyolefin (PO1) with respect to the total weight of the composition is greater than or equal to 80 %.

Claim 32 (New): An article comprising the composition according to Claim 29.

Claim 33 (New): A polymer composition comprising

- at least 80 % by weight, with respect to the total weight of the composition, of a nonfunctionalized polyolefin (PO1); and

- more than 0.5 % but no more than 10 % by weight, with respect to the total weight of the composition, of at least one polyolefin comprising carboxyl grafts [polyolefin (POg)] which is functionalized by grafting using at least one grafting agent chosen from ethylenically unsaturated carboxylic acids, their anhydrides and their metal salts, at least a portion of the carboxyl grafts of which is neutralized by a metal, optionally by the neutralization, concomitant with and/or subsequent to the grafting, of the carboxyl grafts by at least one polyolefin (PO2), at least 0.5 % by weight and at most 50 % by weight of the repeat units of which are derived from at least one ethylenically unsaturated monomer which has a different chemical nature from that of the repeat units of the nonfunctionalized polyolefin (PO1),

wherein the nonfunctionalized polyolefins (PO1) and (PO2) each exhibit a melting point and their respective enthalpies of fusion differ by an amount of between 25 and 75 J/g.

Claim 34 (New): An article comprising the composition according to Claim 33.